

Code: IPC-HFW4830E-S-0400B

## IP CAMERA **IPC-HFW4830E-S-0400B** - 8.3 Mpx 4 mm DAHUA

Net: **292.05 EUR** Gross: **292.05 EUR**

IP camera with efficient H.264/H.265/MJPEG image compression algorithm for clear and smooth video streaming at maximal resolution of 3840 x 2160 (8.3 MPx). Included camera software enables management and integrated monitoring of many network cameras. PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



### SPECIFICATION

|                           |                                                                                                                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                                                                                                                                                                                                     |
| Sensor:                   | 1/2.5 " Progressive Scan CMOS                                                                                                                                                                                                                                                              |
| Matrix size:              | 8.8 Mpx                                                                                                                                                                                                                                                                                    |
| Resolution:               | 3840 x 2160 - 8.3 Mpx ,<br>3072 x 2048 - 6.3 Mpx ,<br>3072 x 1728 - 5.3 Mpx ,<br>2592 x 1944 - 5.0 Mpx ,<br>2688 x 1520 - 4.0 Mpx ,<br>2560 x 1440 - 3.7 Mpx ,<br>2304 x 1296 - 3 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 1024 - 1.4 Mpx ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p |
| Scanning system:          | Progressive                                                                                                                                                                                                                                                                                |
| Lens:                     | 4 mm                                                                                                                                                                                                                                                                                       |
| View angle:               | 87 °                                                                                                                                                                                                                                                                                       |
| Range of IR illumination: | 40 m                                                                                                                                                                                                                                                                                       |
| S/N ratio:                | > 50 dB                                                                                                                                                                                                                                                                                    |
| RS-485 interface:         | —                                                                                                                                                                                                                                                                                          |
| Memory card slot:         | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                                                                                                                                       |
| Image compression method: | H.265 / H.264 / MJPEG                                                                                                                                                                                                                                                                      |
| Alarm inputs / outputs:   | —                                                                                                                                                                                                                                                                                          |
| Audio:                    | —                                                                                                                                                                                                                                                                                          |
| Bitrate:                  | 24 kb/s ... 10240 kb/s - H.264<br>14 kb/s ... 9984 kb/s - H.265                                                                                                                                                                                                                            |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Main stream frame rate:        | 15 fps @ 8.8 Mpx<br>20 fps @ 6.3 Mpx<br>25 fps @ 5.3 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Network protocols:             | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour                                                                                                                                                                                                                                                                                                                                                                                       |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ONVIF:                         | 2.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Main features:                 | <ul style="list-style-type: none"> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• D-WDR - Wide Dynamic Range</li> <li>• ICR - Movable InfraRed filter</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Configurable Privacy Zones</li> <li>• Motion Detection</li> <li>• Mirror - Mirror image</li> <li>• IVS analysis : crossing the line (tripwire), scene changing, intrusion, abandoned/missing object, face detection</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 580 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power consumption:             | < 7 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br><ul style="list-style-type: none"> <li>• Android: Free application <a href="#">DMSS</a></li> <li>• iOS (iPhone): Free application <a href="#">DMSS</a></li> </ul>                                                                                                                                                                                                                                                                                                                    |
| Default admin user / password: | admin / admin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Default IP address:            | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Web browser access ports:      | 80, 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PC client access ports:        | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mobile client access ports:    | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RTSP URL:                      | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                                                                                                                                    |
| Housing:                       | Compact - Metal / Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Weight:                        | 0.438 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions:                    | 180 x 70 x 70 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Supported languages:           | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer / Brand:          | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## PRESENTATION



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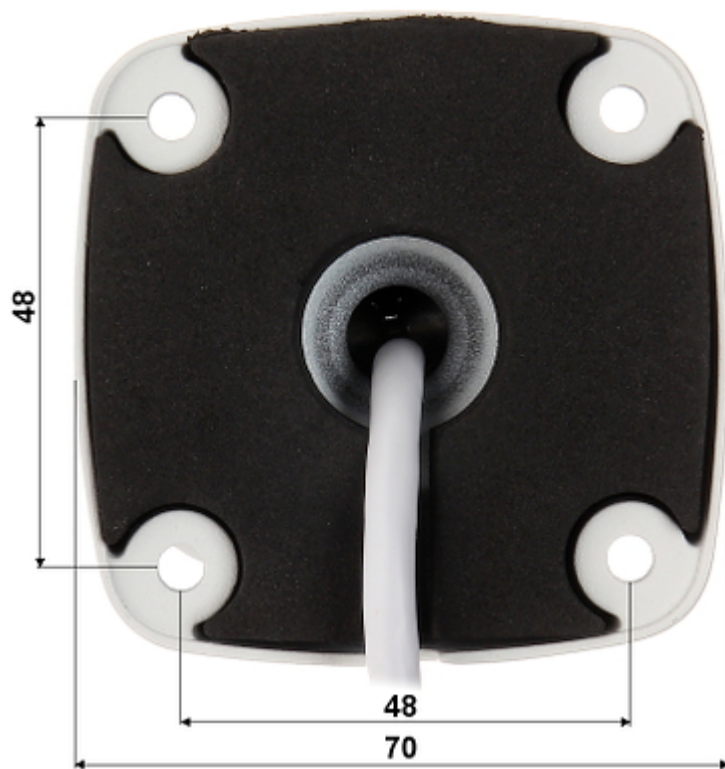
Side view:



Memory card slot:



Camera mounting side view:

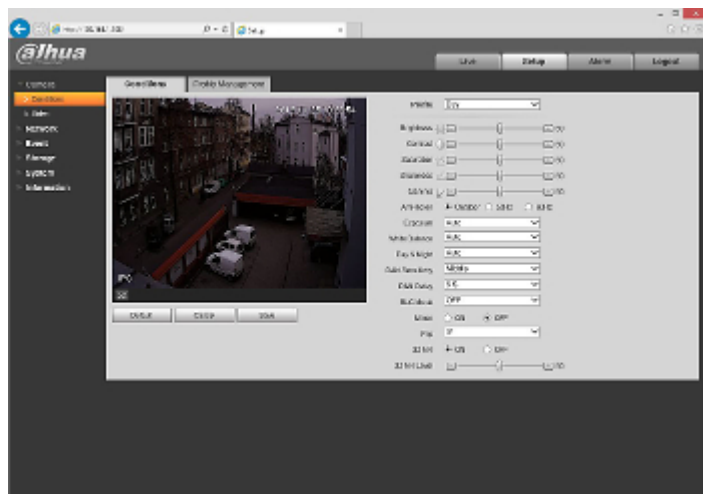


In the kit:



Example captures of device interface:





## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



Record from camera during daylight operation:

:

## PACKAGE

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|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
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